

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1059	uncoupl\$6 with protein	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:37
L2	273	uncoupl\$6 adj2 protein adj2 "2"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:37
L3	18	human with (uncoupl\$6 adj2 protein adj2 "2")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:37
L4	0	human with (uncoupl\$6 adj2 protein adj2 "2") with promoter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:37
L5	10	human with (uncoupl\$6 adj2 protein adj2 "2") with gene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:37
L6	0	human with (uncoupl\$6 adj2 protein adj2 "2") with enhancer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:37
L7	0	human with (uncoupl\$6 adj2 protein adj2 "2") with (ppre or "c/ebp")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:38
L8	0	(human with (uncoupl\$6 adj2 protein adj2 "2")) same (ppre or "c/ebp")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:38
L9	34	(UCP2 OR UCP-2) same (promoter or enhancer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:38
L10	24	(UCP2 OR UCP-2) WITH (promoter or enhancer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:46
L11	1	(UCP2 OR UCP-2) SAME (ppre or "c/ebp")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:38
L12	6	((UCP2 OR UCP-2) WITH (promoter or enhancer)).TI.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:38

L13	5	((UCP2 OR UCP-2) WITH (promoter or enhancer)).CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:39
L14	2	"5853975".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:49
L15	10	"6057109"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:39
L16	2	"6057109".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:49
L17	4	14 or 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:39
L18	180946	toyoda-\$.in. or kobayashi-\$.in. or igaki-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:39
L19	3	toyoda-\$.in. and kobayashi-\$.in. and igaki-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:45
L20	0	3 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:41
L21	3	18 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:41
L22	3	19 or 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:41
L23	0	18 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:42
L24	2242	myoD or "GRE"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:42

L25	5	24 and (5 or 9 or 11 or 6 or 5 or 15 or 16)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 12:43
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	surwit-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:28
L2	18	ricquier-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:28
L3	3	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:28
L4	0	3 and DMEM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:30
L5	0	3 and "Dubelco's"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:29
L6	0	3 and (FBS OR FCS)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:29
L7	0	3 AND (MG-63)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:00
L8	445	(MG-63)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:02
L9	28939	8and DMEM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:30
L10	235	8 and DMEM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:30
L11	34	8 SAME DMEM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:30
L12	12	11 same (fbs or fcs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:40

L13	11509	rabbit with serum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:31
L14	3	12 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:33
L15	0	12 same 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:31
L16	0	8 with 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:33
L17	1	8 same 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:33
L18	4	differentia\$6 with medi\$2 with rabbit with ser\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:35
L19	33	DMEM with medi\$2 with rabbit with ser\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:36
L20	0	18 AND 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:34
L21	0	8 AND 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:35
L22	38	USP-2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:37
L23	0	22 AND 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:36
L24	49	PGL-3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:36

L25	0	PGL3-BASIS	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:36
L26	389	PGL3-BASIC	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:36
L27	5	26 AND 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:38
L28	85	UCP-2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:37
L29	3	26 AND 28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:37
L30	0	26 AND 8 AND 28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:39
L31	0	(MG-63) with adipos\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 18:59
L32	0	(MG-63) with fatty	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:13
L33	190	osteoblast\$1 with adipos\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:00
L34	0	28 and 33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:00
L35	0	osteoblast\$1 with 28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:00
L36	1	33 and (MG-63)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:01

L37	5	(MG-63) and 26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:36
L38	0	(MG-63) and 26 and UCP\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:03
L39	1	(MG-63) and UCP\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:08
L40	3	(MG-63) and (UNCOUPL\$4 WITH PROTEIN)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:08
L41	0	(MG-63) with REPORTER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:15
L42	24	(MG-63) with EXPRESSION	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:13
L43	0	(MG-63) with EXPRESSION WITH LUCIFERASE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:14
L44	0	(MG-63) with EXPRESSION WITH MARKER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:14
L45	4	(MG-63) with EXPRESSION WITH LEVEL\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:14
L46	1	(MG-63) with ADVANTAGE\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:15
L47	8	(MG-63) SAME REPORTER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:17
L48	8	((MG-63) SAME REPORTER) AND (REPORTER OR LUCIFERASE)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:18

L49	3	((MG-63) SAME REPORTER) AND (REPORTER OR LUCIFERASE) AND PGL\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:18
L50	86	(MG-63) AND 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:27
L51	0	(MG-63) SAME DMEM SAME 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:28
L52	2	(MG-63) AND (DMEM SAME 13)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:28
L53	0	DMEM with medi\$2 with rabbit with ser\$2 WITH OSTEOBLAST\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:36
L54	0	(MG-63) and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/01 19:36



From: Leffers, Gerald  
Sent: Friday, August 20, 2004 11:03 AM  
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Please do an interference search and search for the first and last 100 nucleotides of SEQ ID NO: 1 of this application (~3.5 kb), as well as searches directed to the following subsequences within SEQ ID NO: 1 and to which the instant claims are directed (see claim 1 below). Thank you, Gerry Leffers

**nucleotides:**

284 to 296 of SEQ ID NO: 1

1316 to 1320, position 1364 to 1368, or position 1698 to 1692 of SEQ ID NO: 1

753 to 758, position 1023 to 1030, or position 1450 to 1455 of SEQ ID NO: 1

1428 to 1437 of SEQ ID NO: 1

Claim 1. (currently amended) An isolated DNA containing uncoupling protein-2 (UCP-2) promoter region containing a regulator sequence, wherein the regulator sequence is at least any one of the sequences selected from the group consisting of:

(a) a sequence containing peroxisome proliferator response element (PPRE)

presented by position 284 to 296 of SEQ ID NO: 1;

(b) a sequence containing CCAAT/enhancer binding protein (C/EBP) binding sequence

presented by position 1316 to 1320, position 1364 to 1368, or position 1698 to 1692 of SEQ ID NO: 1.

(c) a sequence containing glucocorticoid response element (GRE) presented by position 753 to 758,

position 1023 to 1030, or position 1450 to 1455 of SEQ ID NO: 1; and

(d) a sequence containing MyoD presented by position 1428 to 1437 of SEQ ID NO: 1.

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